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(54) **MOBILE SCAFFOLDING UNITS WITH
EXTENDIBLE GANTRY PLATFORM AND
METHODS OF USING SAME**

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This patent is subject to a terminal dis-
claimer.

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continuation-in-part of application No. 13/037,745,
filed on Mar. 1, 2011, now abandoned.

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(58) **Field of Classification Search**

CPC E04G 2001/158; E04G 2001/242;
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See application file for complete search history.

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(57)

ABSTRACT

Mobile scaffolding units include a vehicle for movement
across ground surface, a stationary platform rigidly fixed to
the vehicle at a predetermined immovable height above the
ground surface, and a gantry platform operatively connected
to the stationary platform for movements between a retracted
position where the gantry platform is nested adjacent to the
stationary platform, and an extended position wherein the
gantry platform extends laterally outwardly from one or
another lateral side of the stationary platform to provide an
operator on the gantry platform an extended horizontal reach
laterally of the vehicle. The mobile scaffolding units allow an
operator to work at elevated heights and with lateral reach in
one area of a work zone (e.g., to trim roadside vegetation) and
then move to another area of the work zone without requiring
an operator to dismount from the gantry platform.

16 Claims, 17 Drawing Sheets

